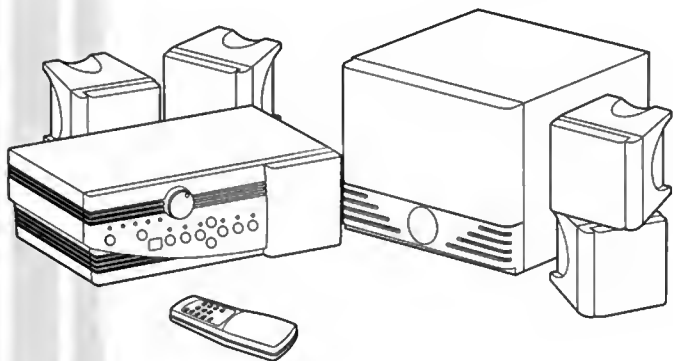




5.1CH HOME THEATER SPEAKER SYSTEM

D-655



Please read and understand all safety instructions before use.

Important Safety Instructions

1. Read Instructions-All the safety and operating instructions should be read before the speaker is operated
2. Retain Instructions-The safety and operating instructions should be retained for future reference
3. Heed Warnings-All warnings on the speaker and in the operating instructions should be adhered to
4. Follow Instructions-All operation and use instructions should be followed.
5. Water and Moisture-The speaker should not be used near water-for example, near a bathtub, washbowl, kitchen sink, in a wet basement, or near a swimming pool, and that area.
6. Ventilation-The speaker should be situated so that it's location or position does not interfere with its proper ventilation. For example, the speaker should not be situated on the bed, sofa, rug, or similar surface that may block the ventilation openings, or placed in a confined area, such as a bookcase or cabinet that may impede the flow of air through the ventilation opening.
7. Heat-The speaker should be situated away from heat sources such as radiators, heat registers, stoves, or other speaker (including amplifier) that produce heat.
8. Power Sources-The speaker should be connected to a power supply only of the type described in the operating instructions or as marked on the speaker.
9. Grounding or Polarization-Precaution should be taken so that the grounding or polarization means of the speaker is not defeated.
10. Power Cord-The power supply cord should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Do not overload wall outlets and extension cords as this can result in risk of fire or electrical shock.
11. Cleaning-The unit should be unplugged from the power outlet before cleaning. Use a dampened cloth to clean the surface of the unit. Do not use liquid cleaners or aerosol cleaner. Never insert object of any kind into the unit through its opening as they may touch dangerous voltage points or short out parts that could result in fire or electrical shock.
12. Object and Liquid Entry-Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
13. Damage Requiring Service-The speaker should be serviced by qualified service personnel when:
 - A. The power supply cord or the plug has been damaged, or
 - B. Objects have fallen or liquid has been spilled into the speaker, or
 - C. The speaker has been exposed to rain; or
 - D. The speaker has been dropped or the enclosure damaged
 - E. The speaker does not appear to operate normally or exhibits noticeable change in performance
14. Service-The user should not attempt to service beyond that described in the user's guide. All other servicing should be referred to qualified service personnel.

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WARNING TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION PILOT LAMP SOLDERED IN PLACE, TO REDUCE THE RISK OF ELECTRIC SHOCK, REFER TO QUALIFIED SERVICE PERSONNEL.



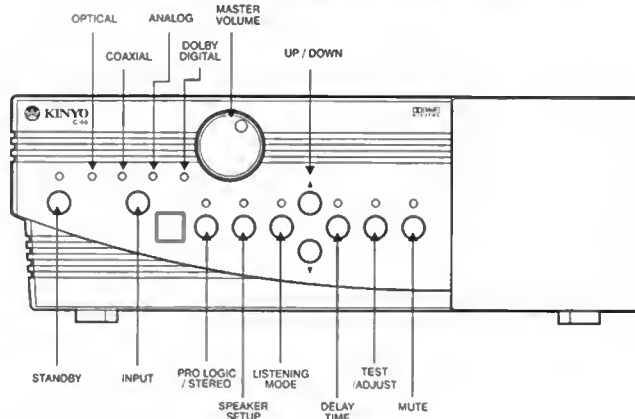
The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



The lightning flash with arrowhead symbol with an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage "within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

the apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

DOLBY DIGITAL DECODER (C-60)



FRONT

1. STANDBY :

When pressed, the decoder is turned on and receives power.

a. STANDBY LED : Red light means in standby mode, green light means ready for use.

2. INPUT :

Select different input modes: optical, coaxial, or analog

- a. OPTICAL LED : When light is on, input mode is optical (digital).
- b. COAXIAL LED : When light is on, input mode is coaxial (digital).
- c. ANALOG LED : When light is on, input mode is analog.

3. DOLBY DIGITAL LED:

When light is on, Dolby digital sound effect is enabled.

(Only available when the input mode is Optical or Coaxial connected to DVD player)

4. PRO LOGIC / STEREO :

Enables the Dolby Pro logic 5.1 sound effect. (Only available when the input mode is analog from 2 CH audio devices or SPDIF / PCM from DVD).

a. PRO LOGIC / STEREO LED:

When light is on, Pro Logic is enabled.
(Pro Logic is the factory default setting.)

Program Source	Decoding mode indicated	
	Dolby Digital	Dolby Pro logic
3/2	✓	
3/1	✓	
3/0	✓	
2/2	✓	
2/1	✓	
2/0	✓	✓
1/0	✓	
PCM		✓
Analog		✓

Note:

Pro logic function is available only for selected input sources such as Dolby 2/0, PCM or Analog. Please check the signal type.

5. SPEAKER SETUP:

Switch to or from the big or small speaker, it will enhance bass effect when in small speaker mode.

a. SPEAKER SETUP LED:

When light is on, Dolby small speaker is on.

6. LISTENING MODE :

Press it then you may select the listening mode (Maximum, standard, or late night)

a. LISTENING MODE LED:

Press the listening mode key, the flashing LED means you can now select different modes.

(Maximum, standard, or late night)

Press LISTENING MODE key and then adjust ▲ and ▼ key to select the mode you prefer.

At this time, the OPTICAL, COAXIAL and ANALOG LED will have different indications and will show you what mode you have selected. (See table below)

LISTENING MODE LED	OPTICAL LED	COAXIAL LED	ANALOG LED	LISTENING MODE
FLASH			LIGHT UP	MAXIMUM
FLASH		LIGHT UP		STANDARD
FLASH	LIGHT UP			LATE NIGHT

Press LISTENING MODE again to exit setup.

7. DELAY TIME :

Press this cycle key to adjust " Center Adjustment " ---- " Surround Adjustment " ----- "Quit this function"

a. CENTER DELAY TIME :

Press the Delay Time key for the first time and the " LISTENING MODE "&"DELAY TIME" LED's will flash. Now you can adjust the delay time for the Center channel by using the ▲ and ▼ buttons.

When adjusting, the OPTICAL, COAXIAL, ANALOG, DOLBY DIGITAL and PRO LOGIC / STEREO LED's are used to indicate the delay time you have selected (See table below)

LISTENING MODE	DELAY TIME LED	OPTICAL	COAXIAL	ANALOG	DOLBY DIGITAL	PRO LOGIC	CENTER DELAY
FLASH	FLASH						0mS
FLASH	FLASH	LIGHT UP					1mS
FLASH	FLASH	LIGHT UP	LIGHT UP				2mS
FLASH	FLASH	LIGHT UP	LIGHT UP	LIGHT UP			3mS
FLASH	FLASH	LIGHT UP	LIGHT UP	LIGHT UP	LIGHT UP		4mS
FLASH	FLASH	LIGHT UP	LIGHT UP	LIGHT UP	LIGHT UP	LIGHT UP	5mS

b. SURROUND DELAY TIME:

Press the Delay Time key for the first time and the "TEST / ADJUST" & "DELAY TIME" LED's will flash. Now you can adjust the delay time for Surround channel by using the ▲ and ▼ button. When adjusting, the OPTICAL, COAXIAL, ANALOG, DOLBY DIGITAL and PRO LOGIC / STEREO LED's are used to indicate the delay time you have selected (See table below)

LISTENING MODE	DELAY TIME LED	OPTICAL LED	COAXIAL LED	ANALOG LED	SURROUND DELAY
FLASH	FLASH				0mS
FLASH	FLASH	LIGHT UP			5mS
FLASH	FLASH	LIGHT UP	LIGHT UP		10mS
FLASH	FLASH	LIGHT UP	LIGHT UP	LIGHT UP	15mS

Press DELAY TIME again to exit this function.

8. TEST / ADJUST:

Press it and the decoder will send a signal to check each channel one at a time. (Channel FL, CEN, FR, RR, RL, SUB) Then you may start to adjust the volume level of each channel starting from " FL " channel. If you want to skip TEST function during this cycle, press TEST / ADJUST again. It will skip the cycle test and allow you to adjust the volume level of each channel from the first channel "FL". You may also press MUTE any time to quit the adjust function.

a. The "FL" speaker will emit a test sound and then you can adjust the volume level by the ▲ and ▼ keys. If you don't make any adjustments within 8 seconds, it will quit this mode automatically.

b. Press TEST/ADJUST again to adjust volume level for CEN channel. The "CEN" speaker will emit a test sound and then you can adjust the volume level by the ▲ and ▼ keys. If you don't make any adjustments within 8 seconds, it will quit this mode automatically.

c. Press TEST/ADJUST again to adjust volume level for FR channel. The "FR" speaker emits test sound and then you can adjust the volume level by adjusting ▲ and ▼ keys. If you don't do any action in 8 seconds, it will quit this adjust mode automatically.

d. Press TEST/ADJUST again to adjust volume level for RR channel. The "RR" speaker emits test sound and then you can adjust the volume level by adjusting ▲ and ▼ keys. If you don't make any adjustments within 8 seconds, it will quit this adjust mode automatically.

e. Press TEST/ADJUST again to adjust volume level for RL channel. The "RL" speaker emits test sound and then you can adjust the volume level by adjusting ▲ and ▼ keys. If you don't make any adjustments within 8 seconds, it will quit this adjust mode automatically.

f. Press TEST/ADJUST again to adjust volume level for SUB channel. The "SUB" speaker emits test sound and then you can adjust the volume level by adjusting ▲ and ▼ keys. If you don't make any adjustments within 8 seconds, it will quit this mode automatically.

g. Press TEST/ADJUST again to quit this function.

9. TEST / ADJUST LED: When LED is flashing, you can adjust the volume level of each channel.

- ◆ Press TEST/ADJUST. When LED is flashing, you can adjust the volume level of each channel (BALANCE) by pressing the ▲ and ▼ keys.
- ◆ OPTICAL, COAXIAL, ANALOG, DOLBY DIGITAL and PRO LOGIC, SPEAKER MODE all have different LED indicators. When lit they will indicate what volume level you adjusted. (See table below)

BALANCE	DELAY	OPTICAL	COAXIAL	ANALOG	DIGITAL	PRO LOGIC / STEREO	SPEAKER SETUP	TEST / ADJUST
0dB	LIGHT UP	LIGHT UP	LIGHT UP	LIGHT UP	LIGHT UP	LIGHT UP	LIGHT UP	FLASH
-1dB	LIGHT UP	LIGHT UP	LIGHT UP	LIGHT UP	LIGHT UP		LIGHT UP	FLASH
-2dB	LIGHT UP	LIGHT UP	LIGHT UP	LIGHT UP			LIGHT UP	FLASH
-3dB	LIGHT UP	LIGHT UP	LIGHT UP				LIGHT UP	FLASH
-4dB	LIGHT UP	LIGHT UP					LIGHT UP	FLASH
-5dB	LIGHT UP	LIGHT UP	LIGHT UP	LIGHT UP	LIGHT UP	LIGHT UP		FLASH
-6dB	LIGHT UP	LIGHT UP	LIGHT UP	LIGHT UP	LIGHT UP			FLASH
-7dB	LIGHT UP	LIGHT UP	LIGHT UP	LIGHT UP				FLASH
-8dB	LIGHT UP	LIGHT UP	LIGHT UP					FLASH
-9dB	LIGHT UP	LIGHT UP	LIGHT UP					FLASH
-10dB	LIGHT UP							FLASH

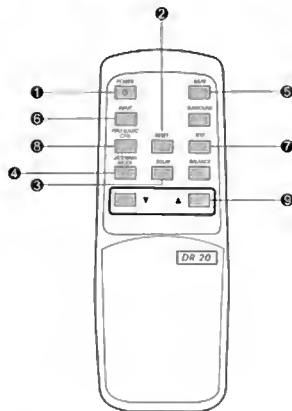
10 MUTE :
Switches the system to mute mode.

11 ▲ (UP KEY) :
Adjusts the level of delay time, volume in test mode, and volume in listening mode.

12 ▼ (DOWN KEY) :
Adjusts the level of delay time, volume in test mode, and volume in listening mode.

13 MASTER VOLUME :
Adjusts the system volume level.

REMOTE CONTROLLER



1.Power: Press the red power key to switch it to on or off mode.

2.Reset: Press the Reset key to make it return to the default setting

3.Delay: Press this cycle key to adjust Center Adjustment "----" Surround Adjustment "-----" Out this function. See the details as above.

4.Listening Mode: Press it to select the listening mode (Maximum, Standard, end Late night). See details as above.

5.Mute: Switches the system to mute mode.

6.Input: Select the exact input cable according to the audio device you are using ie: Optical (Digital), Coaxial (Digital) or Analog.

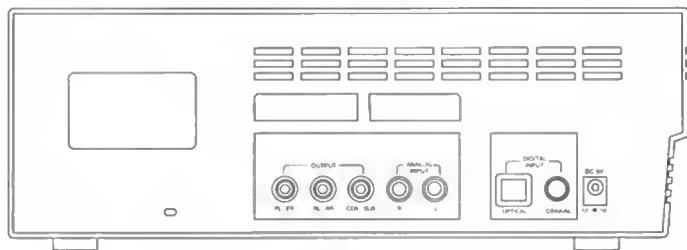
7.Test: To test and adjust the volume level of each channel. See details as above.

8.Pro Logic CFG: Switch the Pro Logic function On or Off (Stereo mode)

9.Volume: Adjust the Volume level by using the ▲ (UP KEY) and ▼ (DOWN KEY)

Note: The function can only be used when the Volume turntable (on the panel) is in Minimum position.

DOLBY DIGITAL DECODER (C-60)



BACK

INPUTS

- **COAXIAL** : Accepts RCA plugs (Coaxial) input from audio source (DVD player or Sound card coaxial digital output)
- **OPTICAL**: Accepts OPTICAL Fiber plugs (TOSLINK) input from audio sources (DVD player or Sound card optical digital output).
- **ANALOG (RCA JACKS)**: Accepts RCA plugs input from audio source (analog input).

OUTPUTS

- **FL / FR**: Accepts 3.5 mm stereo mini-plug connected to Subwoofer via G9 DIN cable.
- **RL / RR**: Accepts 3.5 mm stereo mini-plug connected to Subwoofer via G9 DIN cable.
- **CEN / SUB**: Accepts 3.5 mm stereo mini-plug connected to Subwoofer via G9 DIN cable.

POWER

- **DC 9V**: Accepts input from power adapter (DC 9V 800 mA)
- **INPUT (SUBWOOFER)**
- **G9 DIN jack**: Accepts the outputs signals from the decoder.

OUTPUT (Subwoofer)

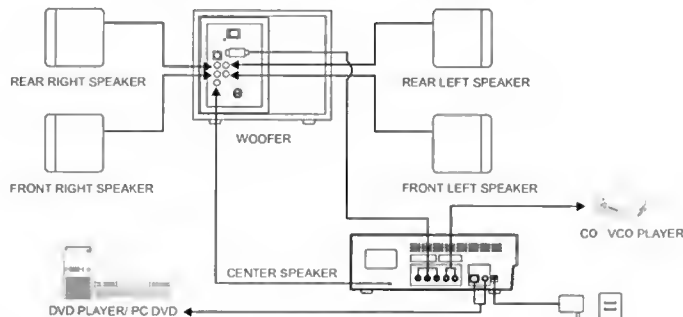
- **FL**: Accepts RCA cable connected to the Front Left Speaker.
- **FR**: Accepts RCA cable connected to the Front Right Speaker.
- **RL**: Accepts RCA cable connected to the Rear Left Speaker.
- **RR**: Accepts RCA cable connected to the Rear Right Speaker.
- **CEN**: Accepts RCA cable connected to the Center Speaker.

Speaker Power Switch: When it is switched, the LED is light and receiving power, the speaker system is turned on.

NOTE:

If you want to delete the setting from memory, unplug the adapter and the unit will return to the original factory default setting.

ASSEMBLING DESCRIPTION



SPECIFICATIONS

① (C-60) Decoder / Center

- **Frequency Input Mode**
 - Analog Signals: Use 2 RCA terminator stereo signal input
 - Digital Signals: Use coaxial cable and fiber optical cable input mode
- Externally equipped with eleven buttons for **STANDBY, INPUT, PRO LOGIC / STEREO, SPEAKER SETUP, LISTENING MODE, DELAY TIME, TEST/AOJUST, MUTE, ▲ (UP Button), ▼ (DOWN Button), MASTER VOLUME** function
- **Output**:
 - 3 stereo outputs (FL, FR, RL, RR, CEN, SUB)
- **Joints**:
 - Front left and right analog signal output
 - Rear left and right surround analog signal output
 - Central and Super Bass analog signal output
- **External Dimensions**: W 268 × H 90 × D 193mm (10 1/2 × 3 1/2 × 7 2/3 inch)
- **Center speaker**
 - 3" Full Range speaker
 - 120 Hz ~ 20KHz response frequency
 - Impedance 4 ohm
 - Standard output power: 5 Watts

② Front Satellite Speaker and Surround Speaker (RS-55 satellite speaker):

- Standard output power of each channel: 5Watts
- 3" Full Range speaker
- 120Hz~20KHz response frequency
- Impedance 4 ohm
- External dimensions: W 90 × H 90 × D 90mm (3 1/2 × 3 1/2 × 3 1/2 inch)

③ Subwoofer

- 5 1/4" subwoofer standard output power: 20W RMS
- 60Hz~300Hz L.F.E.
- Impedance 4 ohm
- SW-5000 external dimensions: W 280 × H 230 × D 297 mm (11 1/4 × 9 × 11 3/4 inch)